

OIIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/722,495

DATE: 12/14/2001

TIME: 15:28:06

Input Set : N:\Crif3\RULE60\09722495.txt  
 Output Set: N:\CRF3\12142001\I722495.raw

5 <110> APPLICANT: Springer, Barry A.  
 7 Pantoliano, Michael W.  
 9 Sharp, Celia M.  
 13 <120> TITLE OF INVENTION: Analogs of Human basic Fibroblast Growth Factor  
 17 <130> FILE REFERENCE: 1503.0220001  
 21 <140> CURRENT APPLICATION NUMBER: 09/722,495  
 23 <141> CURRENT FILING DATE: 2000-11-28  
 26 <150> PRIOR APPLICATION NUMBER: 09/220,077  
 28 <151> PRIOR FILING DATE: 1998-12-23  
 31 <160> NUMBER OF SEQ ID NOS: 4  
 35 <170> SOFTWARE: PatentIn version 3.0  
 39 <210> SEQ ID NO: 1  
 41 <211> LENGTH: 483  
 43 <212> TYPE: DNA  
 45 <213> ORGANISM: Homo sapiens  
 49 <220> FEATURE:  
 51 <221> NAME/KEY: CDS  
 53 <222> LOCATION: (1)..(474)  
 57 <400> SEQUENCE: 1

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59 Met Gly Thr Met Ala Ala Gly Ser Ile Thr Thr Leu Pro Ala Leu Pro	
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62 gag gat ggc ggc agc ggc gcc ttc ccg ccc ggg cac ttc aag gac ccc	96
63 Glu Asp Gly Gly Ser Gly Ala Phe Pro Pro Gly His Phe Lys Asp Pro	
64 20 25 30	
66 aag cgg ctg tac tgc aaa aac ggg ggc ttc ttc ctg cgc atc cac ccc	144
67 Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu Arg Ile His Pro	
68 35 40 45	
70 gac ggc cga gtt gac ggg gtc cgg gag aag agc gac cct cac atc aag	192
71 Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp Pro His Ile Lys	
72 50 55 60	
74 cta caa ctt caa gca gaa gag aga gga gtt gtg tct atc aaa gga gtg	240
75 Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser Ile Lys Gly Val	
76 65 70 75 80	
78 tgt gct aac cgg tac ctg gct atg aaa gaa gat ggt cga ctg ctg gct	288
79 Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly Arg Leu Leu Ala	
80 85 90 95	
82 tct aaa tgc gtt acc gat gag tgc ttc ttc ttc gaa cgt ctc gag tct	336
83 Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Phe Glu Arg Leu Glu Ser	
84 100 105 110	
86 aac aac tac aac acc tac cgt tcg aga aaa tac acc agt tgg tat gtg	384
87 Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Thr Ser Trp Tyr Val	
88 115 120 125	
90 gca ctt aag cgt acc ggt cag tac aaa ctt ggt tct aag acg ggc cca	432
91 Ala Leu Lys Arg Thr Gly Gln Tyr Lys Leu Gly Ser Lys Thr Gly Pro	
92 130 135 140	
94 ggt cag aaa gct atc ctg ttc ctg ccg atg tct gct aaa tct tgaggatcc	483

ENTERED

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115 Glu Asp Gly Gly Ser Gly Ala Phe Pro Pro Gly His Phe Lys Asp Pro
116                      20                      25                      30
119 Lys Arg Leu Tyr Cys Lys Asn Gly Phe Phe Leu Arg Ile His Pro
120                      35                      40                      45
123 Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp Pro His Ile Lys
124                      50                      55                      60
127 Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser Ile Lys Gly Val
128 65                      70                      75                      80
131 Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly Arg Leu Leu Ala
132                      85                      90                      95
135 Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Phe Glu Arg Leu Glu Ser
136                      100                     105                     110
139 Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Thr Ser Trp Tyr Val
140                      115                     120                     125
143 Ala Leu Lys Arg Thr Gly Gln Tyr Lys Leu Gly Ser Lys Thr Gly Pro
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164 ttttttgaac gattggaatc taataactac aatacttacc gctcgagaaa atacaccagt      120
166 tggatatgtg cacttaagcg taccggtcag tacaagcttg gttctaaaac gggcc          175
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173 <212> TYPE: PRT
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179 <220> FEATURE:
181 <221> NAME/KEY: misc_feature
183 <223> OTHER INFORMATION: T7 peptide
187 <400> SEQUENCE: 4
189 Met Ala Ser Met Thr Gly Gly Gln Gln Met Gly
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/722,495

DATE: 12/14/2001

TIME: 15:28:07

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